



PINAL COUNTY DUST CONTROL FORECAST

ISSUED Friday, September 12, 2014

Five-day weather outlook:

High pressure aloft will dominate today but backdoor cold front is expected to impact the area on over the weekend and bring localized breezy easterly winds along with some increase of moisture and a slight chance for scattered thunderstorm activity, especially over higher elevations. In addition, what is now tropical storm Odile, located southeast of the Baja of California, is expected to strengthen into a hurricane by tomorrow and continue to push northwestward. Depending on the exact track of Odile, additional moisture may make its way into the area by the middle of next week. So we'll have to keep a weather eye on Odile's movement over the next few days. In the meantime, the ground is still saturated and blowing dust isn't expected; therefore the dust risk remains in the low category. –B.Farrell

R I S K F A C T O R S

	<u>WINDS</u>	<u>STAGNATION</u>	<u>UNHEALTHY PM-10 RISK LEVEL</u>
Day 1: Sat. 9/13/2014	East winds 10-20 mph, gusts to 25 mph possible.	+ No stagnation is expected due to stronger surface winds.	= LOW
Day 2: Sun. 9/14/2014	East winds 5-15 mph, gusts to 20 mph possible.	+ No stagnation is expected due to stronger surface winds.	= LOW
Day 3: Mon. 9/15/2014	East winds 5-15 mph.	+ No stagnation is expected due to stronger surface winds.	= Low

EXTENDED OUTLOOK

Day 4: Tue. 9/16/2014	Light winds becoming west 5-10 mph.	+ Stagnant conditions expected.	= LOW
Day 5: Wed. 9/17/2014	Light winds becoming west 5-15 mph.	+ Stagnant conditions expected.	= LOW

The Pinal County Dust Control Forecast is issued to assist in the planning of work activities to help reduce dust pollution in Pinal County. The risk levels equate to the highest forecasted Air Quality Index (AQI) for PM10 in Pinal County (excluding the Cowtown PM10 monitor). To review the complete air quality forecast for Pinal County, as well as the health impacts and reduction methods for different air pollutants, click here: <http://pinalcountyz.gov/Legacy/AirQual/pdf/Forecast/aqforecast.pdf>.

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